

C/025/005 Incoming CC: Joe



Date: October 27, 2010

Daron R. Haddock Coal Program Manager Oil, Gas & Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801

Conservation Area Improvement Progress Report, Alton Coal Development LLC, Coal Subject: Hollow Mine, C/025/0005

Dear Mr. Haddock,

On October 14, 2010, Steven Petersen, Karl Heaton and I completed the disking within the conservation area necessary to reduce or eliminate big sagebrush. Actual area of the disked patches totaled 2.2 acres and it is estimated that approximately 70 % of the sagebrush within these patches was killed. As can be seen from the photos, the surface was left in a roughened condition with the dead vegetation left in place. On October 15, 2010, Steve and I broadcast the seed (seed mix enclosed) to the disked areas. Due to the loose soil conditions, it was decided that raking might place the seed too deep to germinate. The seed mix for the conservation site was developed by Steven Peterson in consultation with Division of Wildlife employees from the Great Basin Research Center in Ephraim.

Please let me know if you have any questions or concerns.

Sincerely S. Kall Mark

B. Kirk Nicholes **Environmental Specialist**







Granite Seed Company 1697 West 2100 North Lehi, Utah 84043 801-768-4422

DATE SHIPPED: 10/13/2010

SOLD TO: ALTON COAL DEVELOPMENT 463 NORTH 100 WEST SUITE #1 CEDAR CITY, UT 84720

PROJECT NAME: SAGEGROUSE MIX SEED MIX NUMBER: 74683

Letter of Certification

This memo is written to certify that this seed mix is true to label and has been duly tested by a fully accredited seed testing laboratory using rules sanctioned by the Association of Official Seed Analysts. The specifications of the seed used in the mix are as follows:

Common Name	Variety	Origin	Lot#	Purity	Germ + Dorm.	%PLS
WESTERN YARROW	EAGLE MOUNT	A OR	ACLA -43512	97.66	97	94.73
CICER MILKVETCH	LUTANA	MT	ASCI -43377	98.69	86	84.87
ARROWLEAF BALSAMROOT	VNS	UT	BASA -41359	92.14	82	75.55
ROCKY MOUNTAIN BEEPL	VNS	WY	CLSE -40446	99.83	91	90.85
LEWIS BLUE FLAX	APPAR	WA	LILE -43598	99.55	98	97.56
SILVER LUPINE	VNS	ID	LUAR2-43300	97.37	89	86.66
ALFALFA	LADAK 65	MT	MESA -39253	99.96	99	98.96
YELLOW SWEETCLOVER	VNS	MT	MEOF -42927	99.61	96	95.63
SAINFOIN	ESKI	WA	ONVI -43318	99.56	87	86.62
PALMER'S PENSTEMON	VNS	UT	PEPA -40274	98.25	90	88.43
SMALL BURNET	DELAR	WA	SAMI -42643	99.91	93	92.92
SCARLET GLOBEMALLOW	VNS	UT	SPCO -43301	96.76	65	62.89
WHITE CLOVER	WHITE DUTCH	OR	TRRE -43581	99.81	95	94.82
MOUNTAIN BROMEGRASS	BROMAR	WA	BRMA -43631	99.99	69	68.99
BOTTLEBRUSH SQUIRREL	VNS	WA	SIHY -43630	96.07	96	92.23
SLENDER WHEATGRASS	REVENUE	CAN	AGTR -42576	98.15	97	95.21
INDIAN RICEGRASS	RIMROCK	MT	ORHY -43335	99.09	99	98.10

Furthermore, we certify that said seed was packed as follows:

Number of Bags Bulk Lbs. Per Bag

1 22.12

The number of pounds and percent of bulk for this mix are as follows:

Common Name	Lot#	Total Bulk Lbs.	Total % Bulk PLS Lbs. Lbs.		
WESTERN YARROW	ACLA -43512	0.16	0.15 0.72		
CICER MILKVETCH	ASCI -43377	1.18	1.00 5.33		
ARROWLEAF BALSAMROOT	BASA -41359	0.66	0.50 2.99		
ROCKY MOUNTAIN BEEPL	CLSE -40446	0.55	0.50 2.49		
LEWIS BLUE FLAX	LILE -43598	1.03	1.00 4.63		
SILVER LUPINE	LUAR2-43300	0.29	0.25 1.30		
ALFALFA	MESA -39253	1.01	1.00 4.57		
YELLOW SWEETCLOVER	MEOF -42927	0.78	0.75 3.54		
SAINFOIN	ONVI -43318	2.31	2.00 10.44		
PALMER'S PENSTEMON	PEPA -40274	0.57	0.50 2.56		

	Letter	of Certification	(Continued)		201258
SMALL BURNET	SAMI -42643	2.15	2.00	9.73	
SCARLET GLOBEMALLOW	SPCO -43301	0.16	0.10	0.72	
WHITE CLOVER	TRRE -43581	2.11	2.00	9.53	
MOUNTAIN BROMEGRASS	BRMA -43631	2.90	2.00	13.10	
BOTTLEBRUSH SQUIRREL	SIHY -43630	1.08	1.00	4.90	
SLENDER WHEATGRASS	AGTR -42576	3.15	3.00	14.24	
INDIAN RICEGRASS	ORHY -43335	2.04	2.00	9.21	

If you have any questions, please call.

Sincerely,

Granite Seed Co.